

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071117\
 Data File : BF096639.D
 Acq On : 11 Jul 2017 12:49
 Operator : SJ/JU
 Sample : I4113-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10.0-10.5)

Quant Time: Jul 11 17:18:44 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

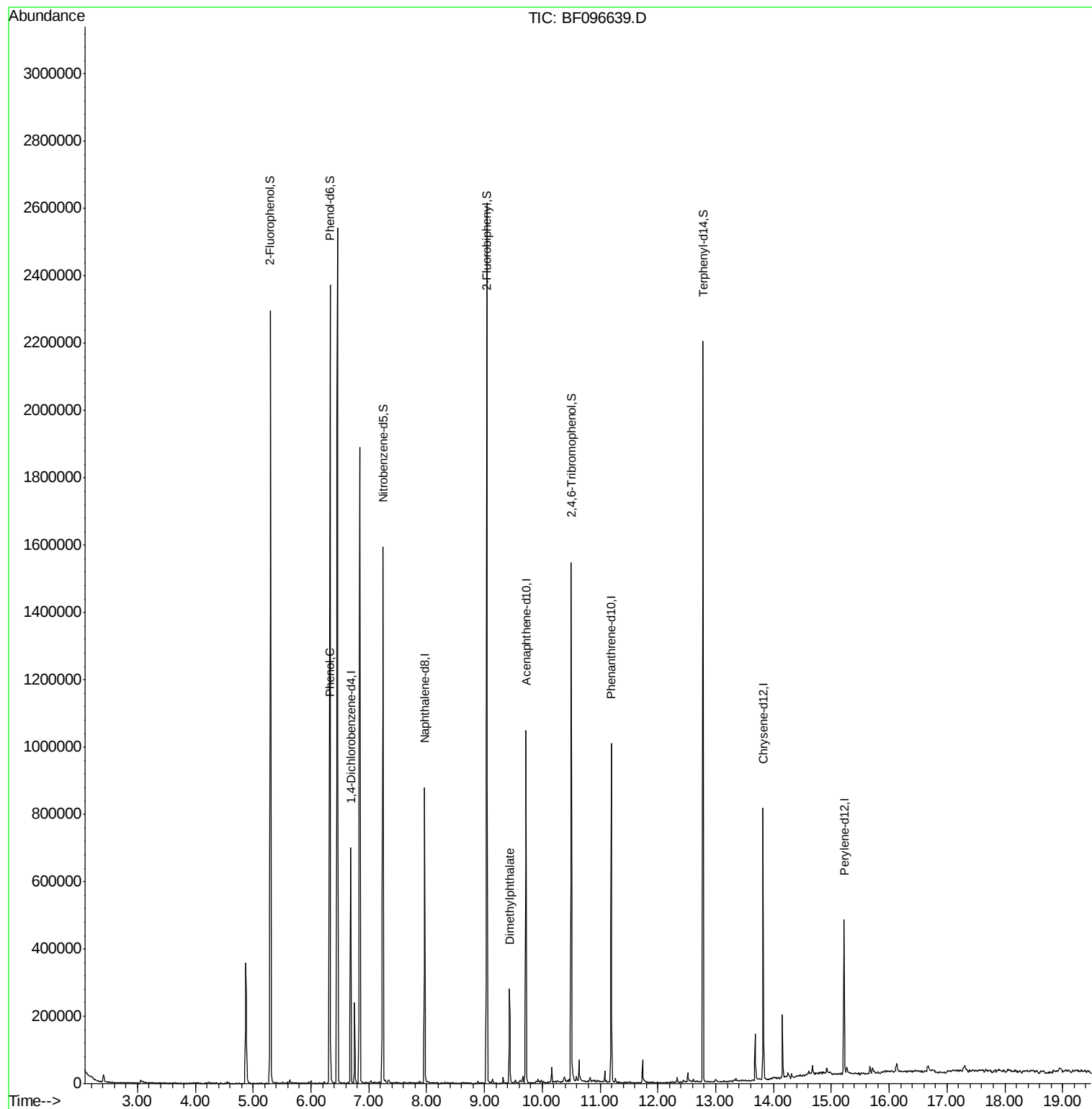
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	103896	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	425050	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	202571	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	356224	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	251655	20.00	ng	-0.02
86) Perylene-d12	15.22	264	185278	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	680423	96.66	ng	-0.01
7) Phenol-d6	6.33	99	817171	94.43	ng	-0.02
23) Nitrobenzene-d5	7.25	82	480387	67.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	172285	108.88	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	850968	71.82	ng	-0.02
78) Terphenyl-d14	12.78	244	694444	58.97	ng	-0.02
Target Compounds						
10) Phenol	6.34	94	21051	2.135	ng	94
49) Dimethylphthalate	9.43	163	103998	6.877	ng	99

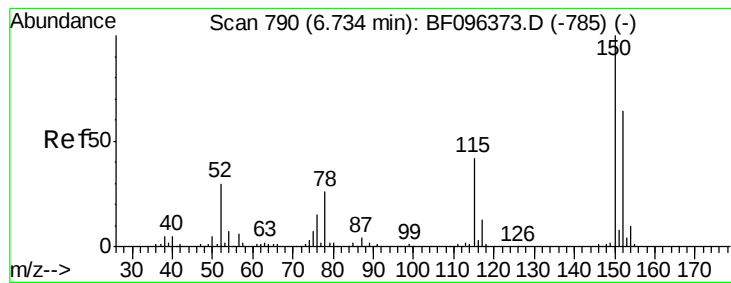
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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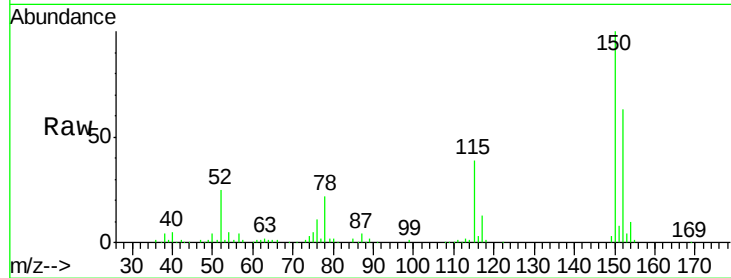


#1

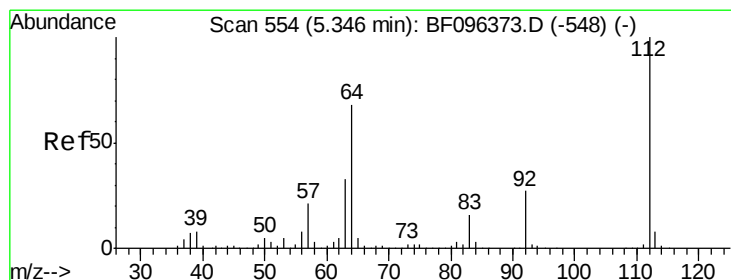
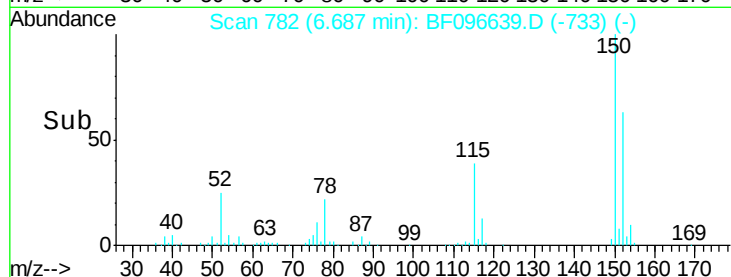
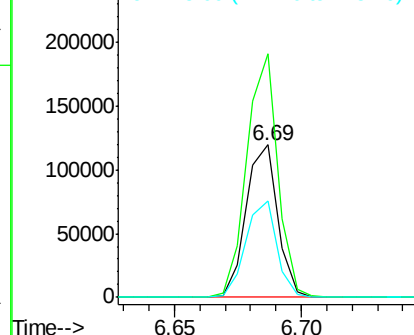
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Instrument :
BNA_F
ClientSampleId :
SB-4(10.0-10.5)

Tgt Ion:152 Resp: 103896
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 62.9 52.2 78.2



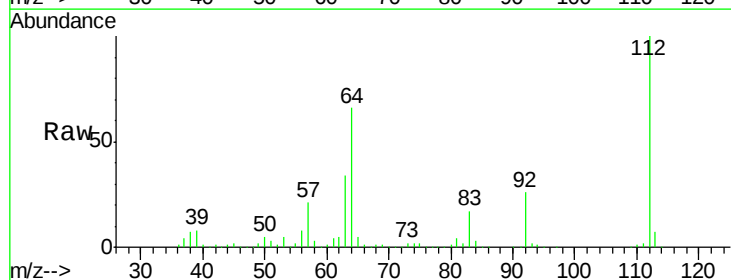
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



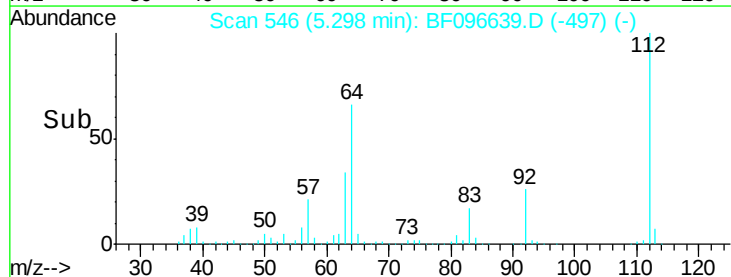
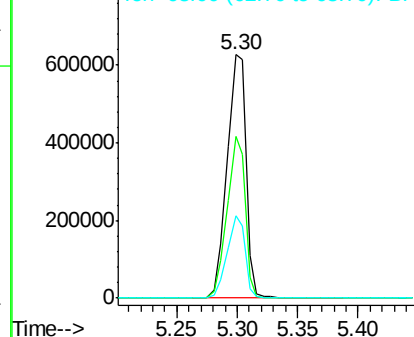
#5

2-Fluorophenol
Concen: 96.662 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Tgt Ion:112 Resp: 680423
Ion Ratio Lower Upper
112 100
64 66.3 46.0 69.0
63 34.1 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 94.430 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

Instrument :

BNA_F

ClientSampleId :

SB-4(10.0-10.5)

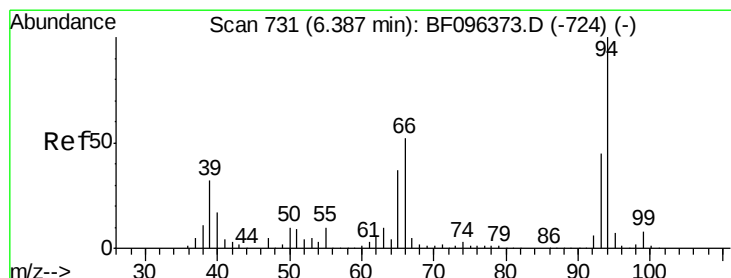
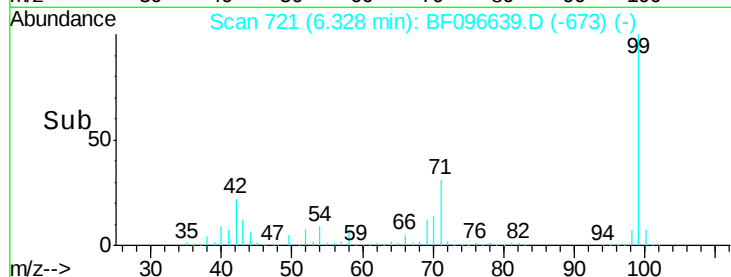
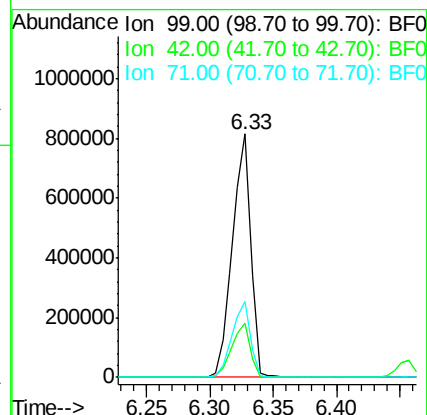
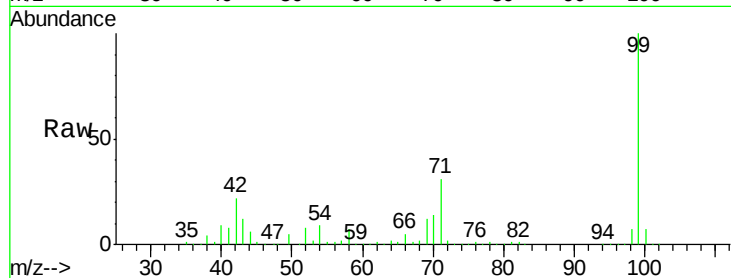
Tgt Ion: 99 Resp: 817171

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

71 31.4 24.5 36.7



#10

Phenol

Concen: 2.135 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

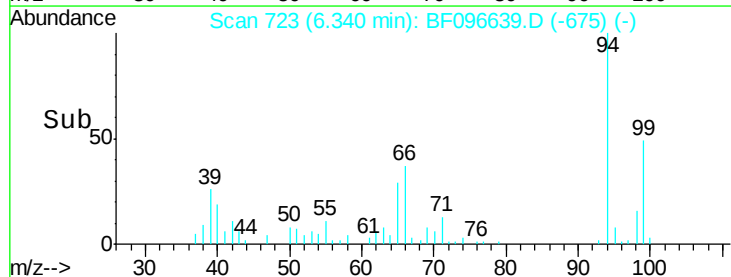
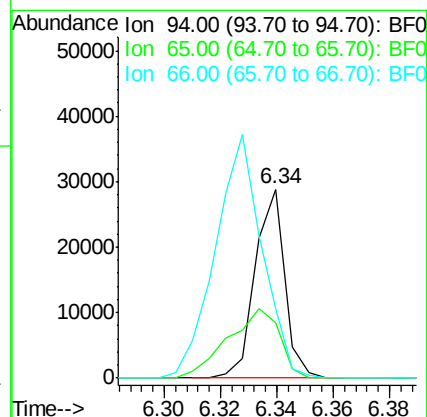
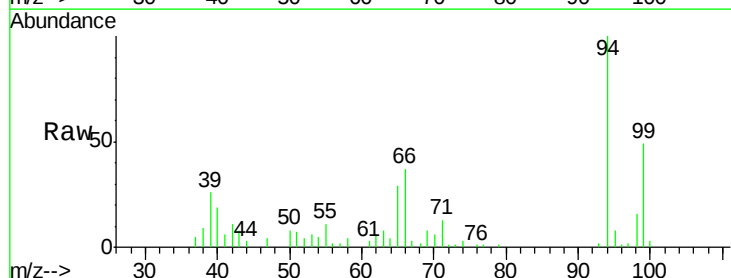
Tgt Ion: 94 Resp: 21051

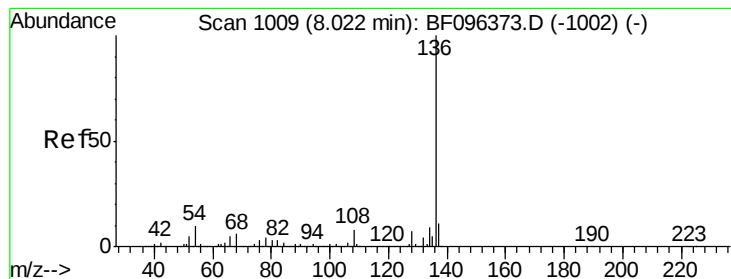
Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

66 37.1 23.1 63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

Instrument :

BNA_F

ClientSampleId :

SB-4(10.0-10.5)

Tgt Ion:136 Resp: 425050

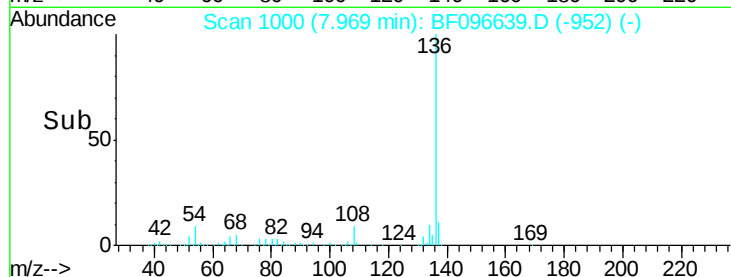
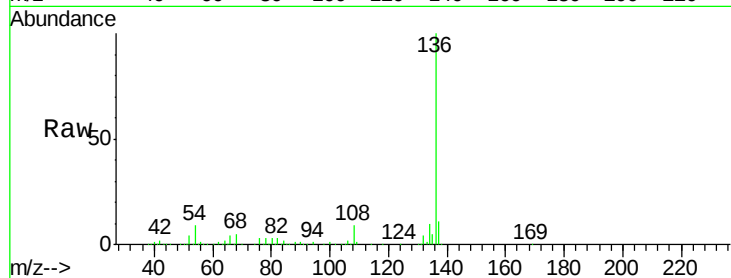
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.1 4.9 7.3#

68 4.6 4.1 6.1

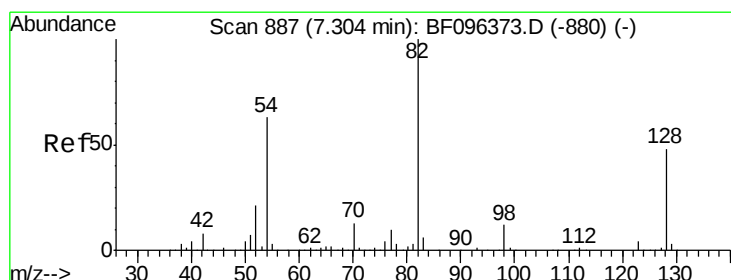
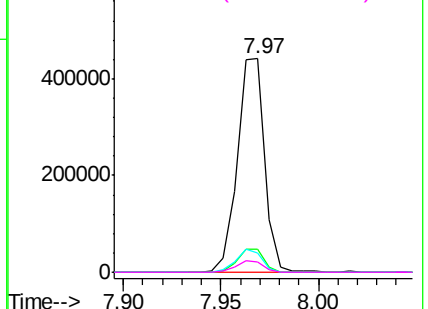


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 67.914 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

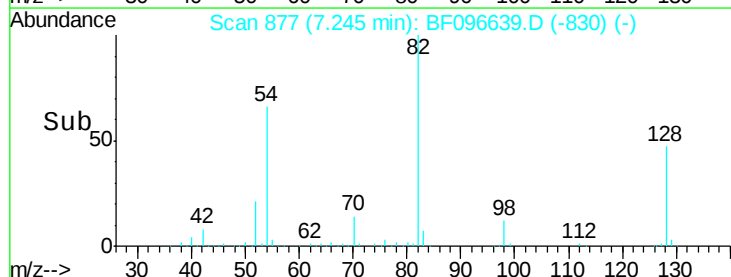
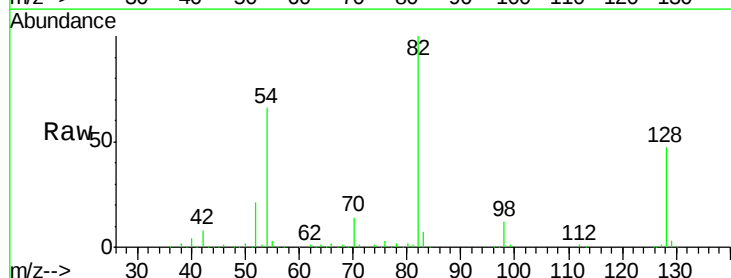
Tgt Ion: 82 Resp: 480387

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

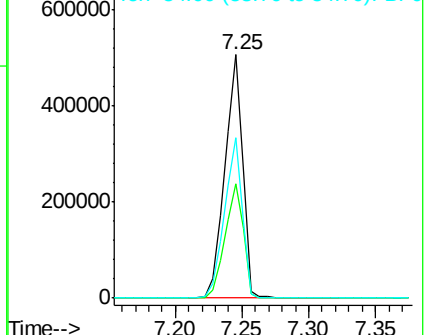
54 66.1 42.2 63.2#

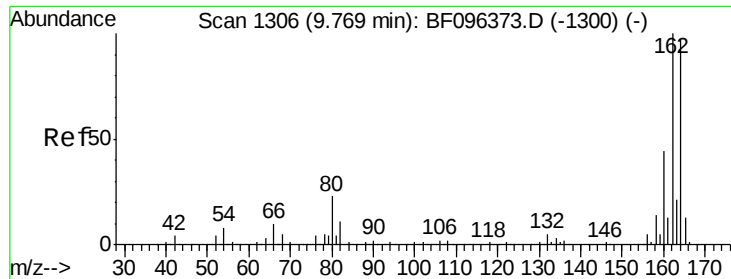


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

Instrument :

BNA_F

ClientSampleId :

SB-4(10.0-10.5)

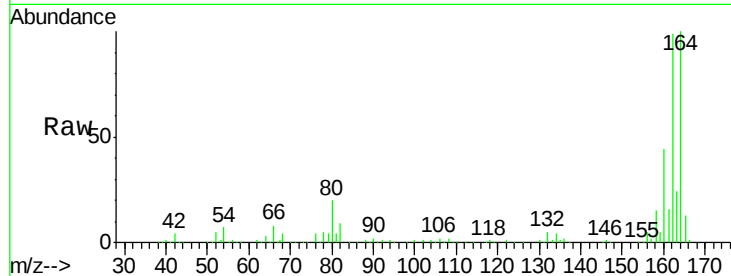
Tgt Ion:164 Resp: 202571

Ion Ratio Lower Upper

164 100

162 99.2 82.6 123.8

160 44.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

300000

250000

200000

150000

100000

50000

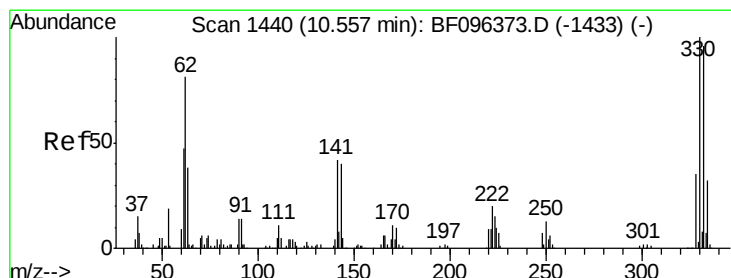
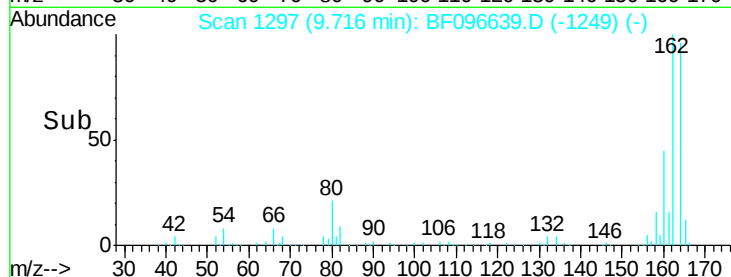
0

9.65

9.70

9.75

Time-->



#41

2,4,6-Tribromophenol

Concen: 108.881 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.02 min

Lab File: BF096639.D

Acq: 11 Jul 2017 12:49

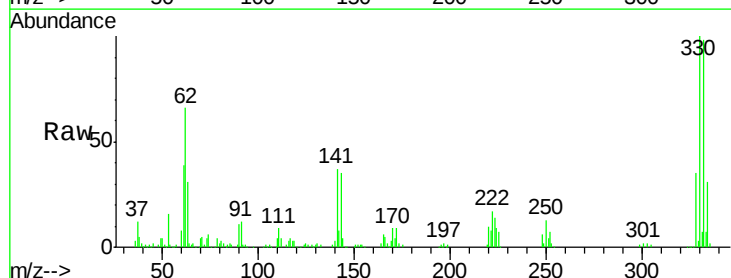
Tgt Ion:330 Resp: 172285

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

141 38.1 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

250000

200000

150000

100000

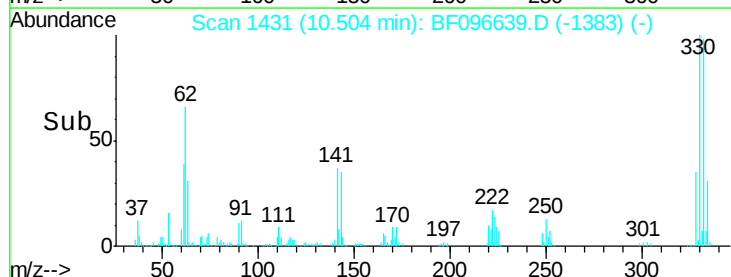
50000

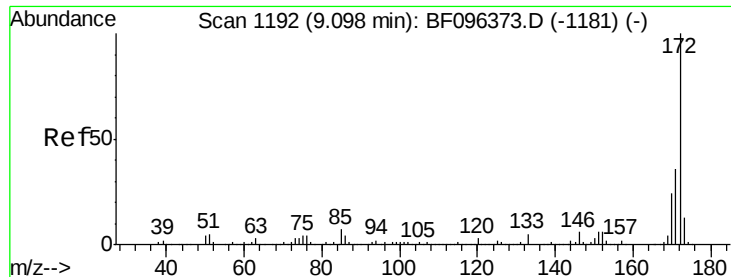
0

10.50

10.60

Time-->

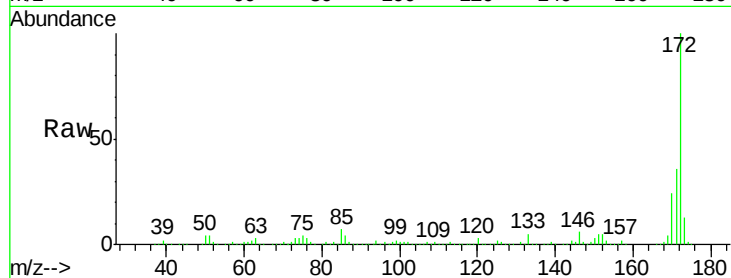




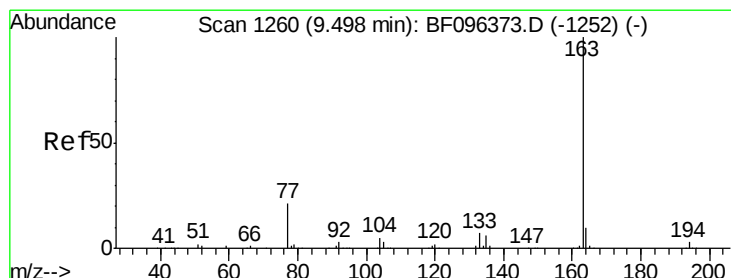
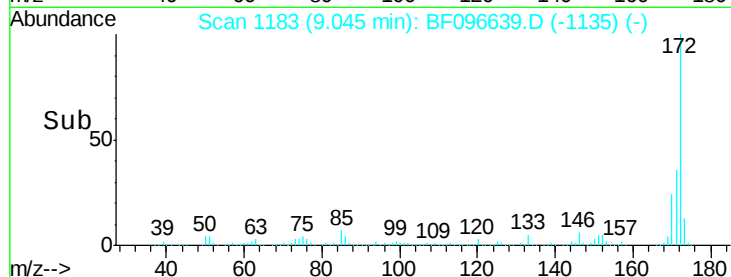
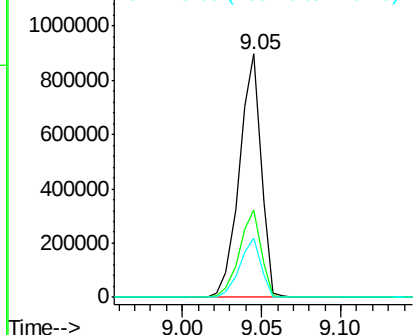
#44
2-Fluorobiphenyl
Concen: 71.825 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Instrument :
BNA_F
ClientSampleId :
SB-4(10.0-10.5)

Tgt Ion:172 Resp: 850968
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 24.1 19.8 29.8

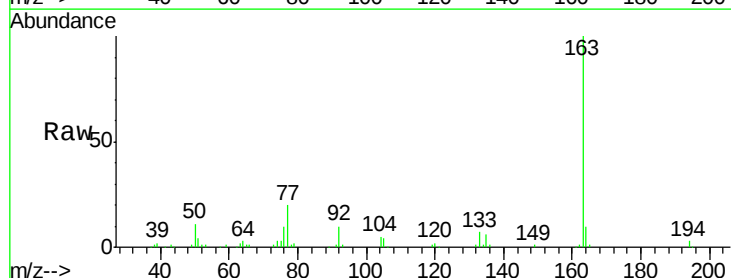


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

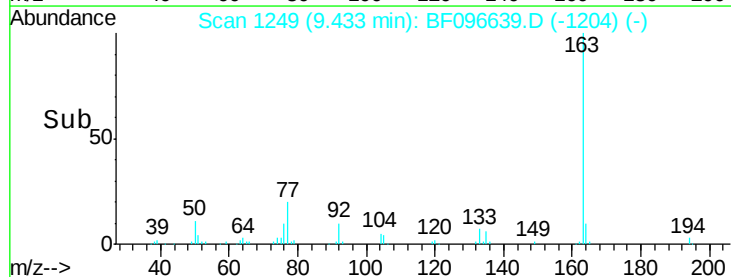
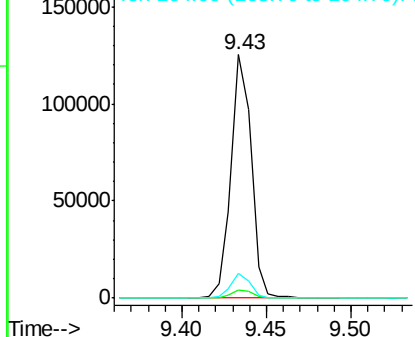


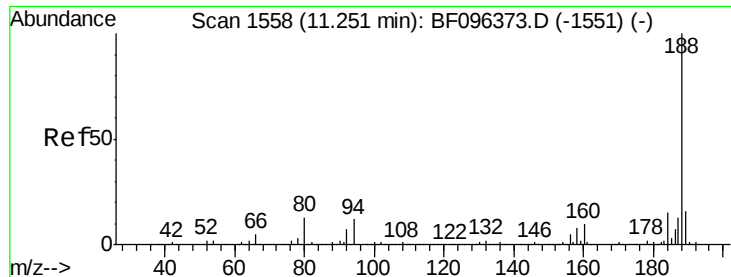
#49
Dimethylphthalate
Concen: 6.877 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Tgt Ion:163 Resp: 103998
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

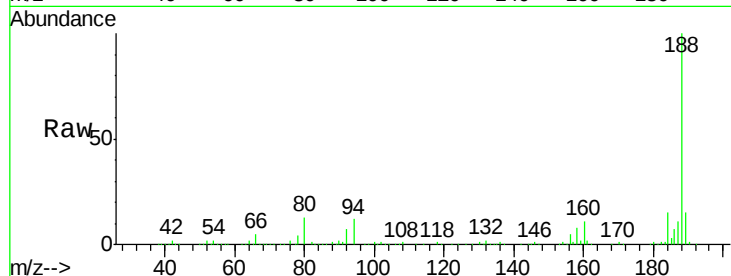




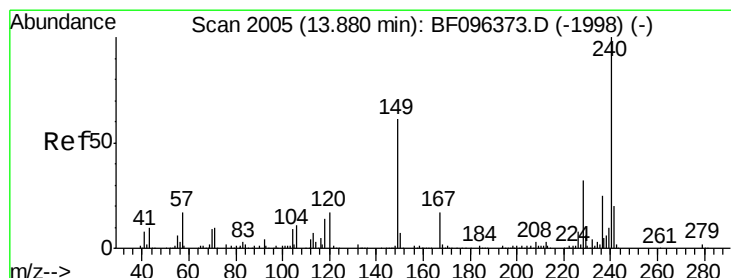
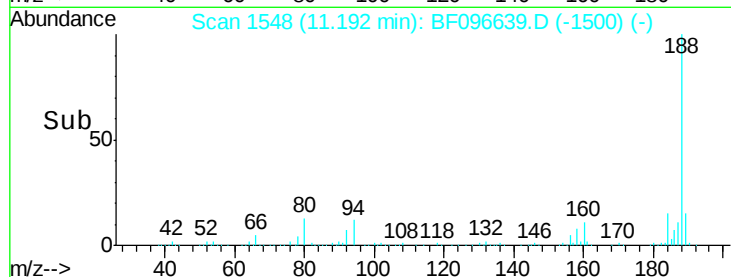
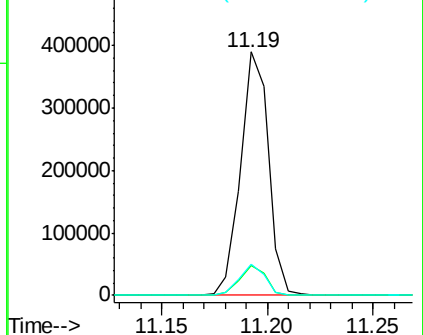
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.02 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Instrument :
BNA_F
ClientSampleId :
SB-4(10.0-10.5)

Tgt Ion:188 Resp: 356224
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.7 10.2 15.2

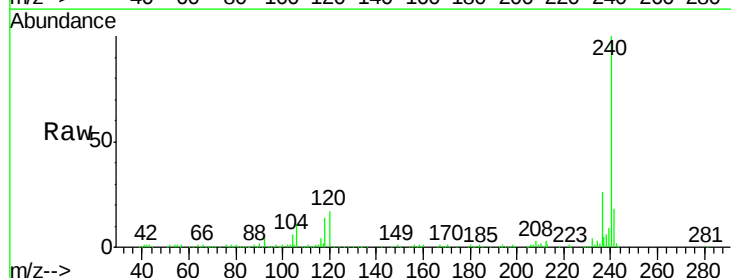


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

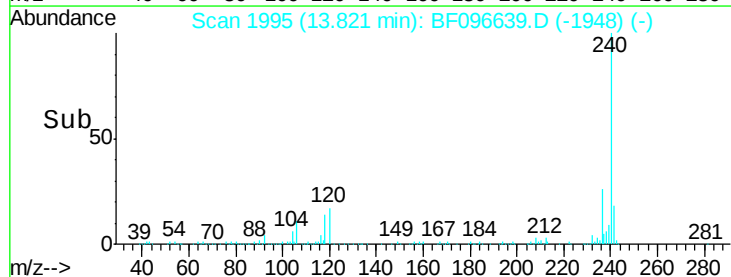
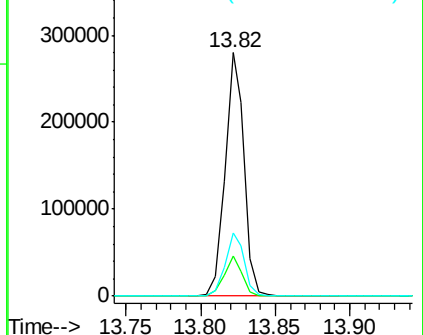


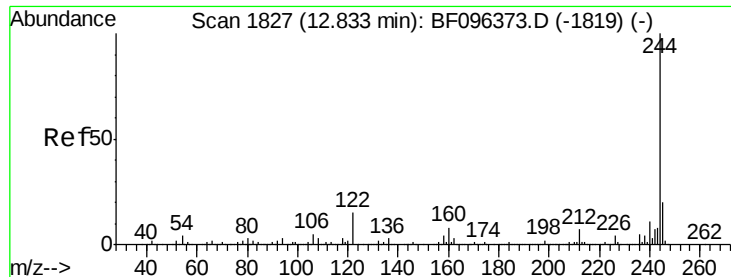
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF096639.D
Acq: 11 Jul 2017 12:49

Tgt Ion:240 Resp: 251655
Ion Ratio Lower Upper
240 100
120 16.6 5.8 8.8#
236 26.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

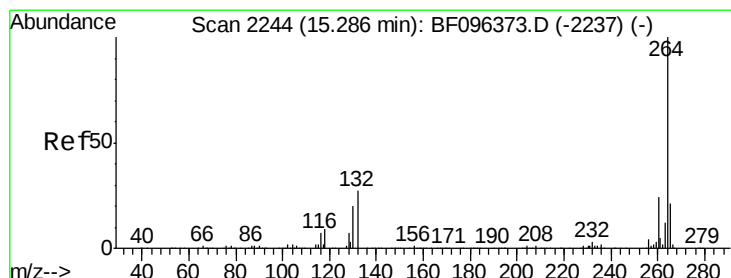
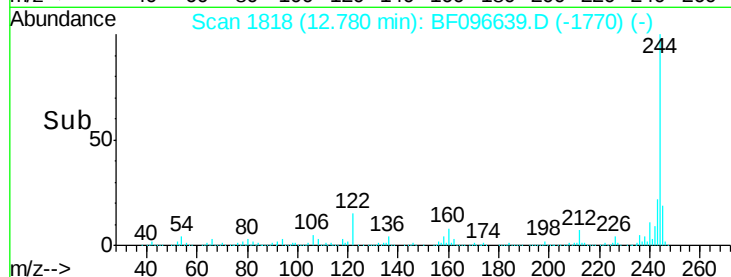
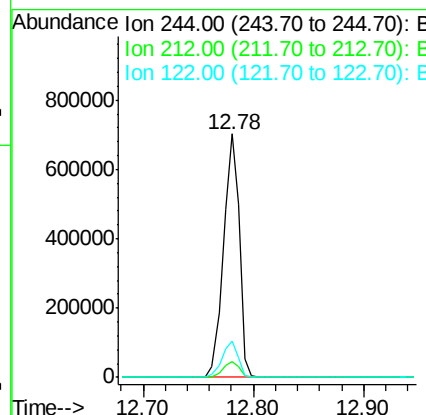
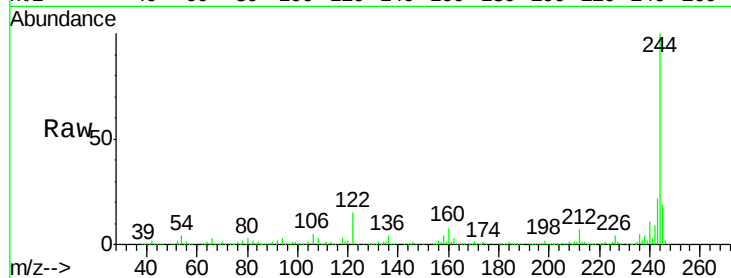




#78
 Terphenyl-d14
 Concen: 58.966 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-4(10.0-10.5)

Tgt Ion:244 Resp: 694444
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 15.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.22 min Scan# 2233
 Delta R.T. -0.02 min
 Lab File: BF096639.D
 Acq: 11 Jul 2017 12:49

Tgt Ion:264 Resp: 185278
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.0 17.2 25.8

